

## AL01-04-100 Smart Drying Oven for Research Labs



### Features:

- Drying oven with forced convection for all standard drying and tempering tasks as well as sterilising glassware, when shorter drying times are desired
- Stainless steel interior equipped with 2 chrome-plated trays
- Microprocessor controller with large digital display of the temperature
- Temperature setting with degree accuracy
- Build-in timer can be set to 0-999 mins or 00,0-99,9 hrs or continuous operation
- Overtemperature protection with visible alarm (safety thermostat class 3.1)
- Exhaust duct at rear of unit with manually adjustable slide
- 2 units are directly stackable using the flat assembly bars supplied with the units

### Technical specification:

<b>Size (liter):</b>	53
<b>Door:</b>	Right Hinge
<b>Trays:</b>	2
<b>Voltage(nominal +/-10%) 50Hz (V):</b>	230
<b>Temperature °C:</b>	ambient +12 to 220
<b>Air convection:</b>	forced
<b>Spatial temperature deviation °C:</b>	± 2,7
<b>Temperature accuracy °C:</b>	± 0,4
<b>Heating up time to 150°C:</b>	23 mins (to of 98% of set temperature)
<b>Recovery time 30 sec door open:</b>	7 mins (to of 98% of set temperature)
<b>Control Panel:</b>	Automatic
<b>Displays:</b>	digital display of the temperature (Celsius or Fahrenheit) or timer
<b>Safety thermostat:</b>	mechanical class 3.1 with visible alarm
<b>Temperature fuse:</b>	class 1
<b>Chamber Interior:</b>	Stainless steel
<b>Exterior dimensions * (W x H x D (mm)):</b>	620 x 680 x 640
<b>Interior dimensions (W x H x D (mm)):</b>	401 x 401 x 330
<b>Weight incl. 2 trays:</b>	40 kg
<b>Dimensions unit incl. packaging (W x H x D):</b>	780 x 795 x 715
<b>Total weight incl. packaging:</b>	approx. 47 kg
<b>Color:</b>	cream white

\*Dimensions refer to unit housing including unit feet, door hinges, controller panel, vent cover and power cable kink protection.. Please note: technical specifications refer to 25°C ambient temperature, 150°C set temperature and a mains voltage fluctuation of ± 10%. The temperature data are determined in accordance to DIN12880, part 2.